EXPLORE

Course Summary

‘This course is subject to validation.
This exciting new programme combines the knowledge of design principles, ergonomics, engineering science and manufacturing processes to create multi-functional solutions and products. A career in product design engineering or industrial design will mean you conduct necessary tests to determine whether a product meets all the customer requirements. By the time you graduate, you will be able to merge your knowledge of engineering reinforced design education and analytical skillset with a sound manufacturing base, enabling you to conceive and develop innovative designs and turn them into manufacturing reality, innovative products and solutions, and profitable businesses.
The programme will also offer to all students an optional placement year that will enable you to experience the real world and effectively connect your knowledge gained at UEL with it.

UCAS POINTS
112

COURSE OPTIONS
Degree

UCAS CODE
H105
Return to campus: dual delivery

In a Covid-secure environment, enjoy learning on our state-of-the-art campuses and flex between online delivery

Find out more

Placement
Optional placement year available

ENQUIRE

VISIT

Andrew Wright MSc BA (Hons) FRSA
Programme Leader, BEng Hons Product Design Engineering

This exciting new product design engineering programme has been developed as a response to the current trends in automation and data exchange in manufacturing technologies, such as, augmented reality, rapid tooling and industry 4.0. It is vitally important students attain a realistic and comprehensive knowledge of the potential influences that will contribute to their future approach to design methodology.

It is also vitally important for students to master the skills needed to rapidly prototype an idea and gain an aptitude for testing and reiterating solutions thereby allowing ideas to develop and flourish into sustainable and feasible products.

FEES AND FUNDING

GOVERNMENT FUNDING
Tuition Fee Loan
You can apply for a loan to cover the cost of your tuition fees, which will be paid directly to UEL. There are no up-front fees required. Repayment only starts after you finish your course and are earning over £25,000. If you haven’t finished repaying your loan after 30 years it will be automatically cancelled.
To apply visit gov.uk/student-finance

Maintenance Loan
You can apply for a loan to help with living costs such as food, travel and accommodation. How much you can borrow depends on where you live and study, and whether you are currently on welfare benefits. The maximum loan you can apply for is £12,729.
To apply visit gov.uk/student-finance

Supplementary Grants
The government also offer the following additional support:
- Parents’ Learning Allowance
- Adult Dependants’ Grant
- Childcare Grant
- Disabled Students’ Allowance
- All nursing and many allied health students on courses from September 2020 will receive a payment of at least £5,000 a year from the government.
For further information visit gov.uk/student-finance or contact Student Finance England.

UEL FUNDING

We appreciate that finance is one of the key considerations when you are applying to university. That’s why alongside your Government loan, you can apply for scholarships to help towards your finances. We have invested over £2 million worth of scholarships to financially assist new students, starting in September 2019. If you are awarded a scholarship you don’t need to pay it back.

All students will receive:

Ebooks
Bursaries Schemes for which you can apply
- Care Leaver and Foyer Bursary - up to £1,500
- Progression Bursary - up to £2,000
- Engagement Bursary - up to £2,000
- Hardship Bursary - up to £2,000
- Helena Kennedy Foundation - £1,500
- Going Global - awards range from £300 - £700

Scholarships Schemes for which you can apply
- Vice Chancellor Scholarship - up to £27,750 over three years
- Dean Scholarship - up to £13,500 over three years
- Civic Engagement Scholarship - £1,000
- EU Scholarship (EU Only) - £1,000
- ELSEF Scholarship - £1,000
- UTC Scholarship - £1,500
- Sports Scholarships - up to £6,000

EXTERNAL FUNDING

There are a number of external organisations that offer financial help to students. Please see the list below list to view additional support options. Alternatively, you can visit the Scholarship Search website.

Please note that the University of East London is not responsible for the content of these external sites and is not associated in any way with the funding schemes and their application processes.

- Bank Of England Scholarship Programme
- European Funding Guide
- The Student Disability Association Fund
- Sir John Cass’s Foundation
This course offers the opportunity of year-long placement between years two and three. If you choose to take this option, you’ll apply your knowledge to gain real-world experience. The placement is designed to give you the opportunity to live and work in the UK or abroad during your period of study. You will be supported by a dedicated team who will help you make the most of this experience.

By the time you graduate, you'll be generating highly complex design solutions. You'll be familiar with a variety of methods to approach to design methodology. You'll be able to merge your knowledge of engineering reinforced design education and analytical processes to create multi-functional solutions and products.

A career in product design engineering or industrial design will mean you conduct necessary tests to determine whether a product meets all the customer requirements. Your work will be safe, attractive and engaging.

*This course is subject to validation.

**Tuition fees**

| UK | £9,250 |

You don't need to pay this up front

Tuition fees are subject to annual change. Fees for future years will be published in due course.

**ENTRY REQUIREMENTS**

| September 2020 | Degree | 112 NEW UCAS POINTS |
INTERNATIONAL BACCALAUREATE
Diploma with 27 points including a minimum of 15 points at Higher Level and must include Maths and Physics at Higher Level

ENGLISH LANGUAGE REQUIREMENTS

Overall IELTS 6.0 with a minimum of 6.0 in Writing and Speaking; minimum 5.5 in Reading and Listening (or recognised equivalent).

If you do not meet the academic English language requirements for your course, you may be eligible to enrol onto a pre-sessional English programme. The length of the course will depend on your current level of English and the requirements for your degree programme. We offer a 5-week and an 11-week pre-sessional course. [Find out more](#).

MATURE APPLICANTS AND THOSE WITHOUT FORMAL QUALIFICATIONS

As an inclusive university, we recognise that applicants who have been out of education for some time may not have the formal qualifications usually required for entry to a course. We welcome applications from those who can demonstrate their enthusiasm and commitment to study and have the relevant life/work experience that equips them to succeed on the course. We will assess this from the information provided in your application – in particular your personal statement – to help us decide on your eligibility for the course.

Please note that some courses require applicants to meet the entry requirements outlined on the course page. Our pre-entry Information Advice and Guidance Team are able to provide further advice on entry requirements and suitability for study.
WHAT YOU’LL LEARN

The course will help you gain a solid understanding of the processes and practices of product design engineering or industrial design and help you realise the expectations that you’ll have as a design engineer within an international workplace that’s evolving at an ever-increasing pace.

Throughout the course, engagement with industry experts and real work experience will be embedded into the core elements of learning. In year one you will gain a solid grounding in manufacturing and engineering principles through the medium of lectures, workshops and laboratory experimentation. As your knowledge increases in subsequent years, you will have the necessary tools to explore, experiment and find interesting solutions to complex problems.

By the time you graduate, you’ll be generating highly complex design solutions. You’ll be familiar with a variety of methods to produce models and prototypes, such as 3D CAD using high-end industry specification software, and model making in our traditional workshops and digital and fabrication facilities.

WHAT YOU’LL STUDY AND WHEN

YEAR 1

- Mental Wealth: Professional Life
- Engineering Materials
- Applied Mathematics and Computing
- Thermofluids
- Engineering Mechanics
- Engineering Principles

YEAR 2

- Mental Wealth: Professional Life
- Engineering Design and Analysis
- Quality Engineering
- Interdisciplinary studies and group project
- Applied Electronics
- Applied Project Design Engineering

OPTIONAL PLACEMENT

This course offers the opportunity of year-long placement between years two and three. If you choose to take this option, you’ll spend your third year on a placement with a relevant company or organisation, adding valuable practical experience to your growing academic knowledge.

The extra placement year means it will take four years to complete your studies, instead of three.

YEAR 3

- Mental Wealth: Professional Life
How you'll be assessed

Your progress is continually assessed by means of various methods, for example, through personal and group tutorials and via presentations when work is appraised by a panel of teaching staff and by a peer group of students. Through these methods, as well as while carrying out activities in the workshop and laboratory, you will receive formative feedback on a regular basis. This advice is offered to assist the learning process and improve the quality of work before final hand-in. The modules are assessed differently, some through assignment and exam, others through assignment alone.

Design modules require a series of presentations for each project throughout the course. You will be asked to present your work to your colleagues and teachers highlighting details relating to your primary research, to concept developments, and to the fabrication of design(s), as well as a concluding pitch of your chosen final design. You will also develop a creative portfolio of work.

HOW YOU'LL LEARN

You will be joining a creative hub of innovative engineers and designers based within the College of Arts, Technology and Innovation. You’ll be able to observe other design projects, share ideas, and participate in interdisciplinary projects and competitions, such as IMechE Formula Student challenge to design and build a single-seat racing car.

The first year prepares students with a comprehensive understanding of engineering principals and this knowledge will be embedded in your approach to realising innovative designs which can be profitably manufactured and marketed.

With a personal tutor to oversee your progress, and module leaders for each part of the course, you’ll work independently, and occasionally in small groups, on design briefs and projects in our dedicated design studios.

Our fabrication and design facilities include traditional workshops as well as computer-aided design (CAD) suites where you can use a range of two and three-dimensional programmes to produce test results and resolve your concept ideas through to final design.

YOUR FUTURE CAREER

Throughout the course, you will develop a comprehensive knowledge and professional portfolio, which is your gateway to a rewarding career including,

- Product design
- Industrial design
- Manufacturing engineer
- Digital fabrication
- Product engineering
- Engineering
- Freelance designer

UEL has a dedicated team to forge close and strong links within industry and with businesses, and all the while supporting students with placements during study and advice with graduate employment.

Explore the different career options you can pursue with this degree and see the median salaries of the sector on our Career Coach portal.

RELATED COURSES
Tuition fees are subject to annual change. Fees for future years will be published in due course.

It is also vitally important for students to master the skills needed to rapidly prototype an idea and gain an aptitude for testing and validating your product against your design approach to design methodology. Important students attain a realistic and comprehensive knowledge of the potential influences that will contribute to their future career. Students will learn design thinking, critical analysis of ideas, and how to communicate design concepts effectively.

How you'll be assessed

Design modules require a series of presentations for each project throughout the course. By the end of the programme, you will have created a portfolio of work that is fit for industry-standard. The programme will also offer to all students an optional placement year that will enable you to experience the real world and gain a realistic insight into the manufacturing reality, innovative products and solutions, and profitable businesses.

To ensure you have the knowledge and skills to be a successful design engineer within an international workplace that's always striving for creativity and innovation, you will have the opportunity to acquire a range of skills. These include:

- Creative thinking
- Technical drawing
- Use of CAD software
- Communication skills
- Project management

The programme will also offer to all students an optional placement year that will enable you to experience the real world and learn what it's like to work in the engineering design sector. Depending on your career path, you may choose to specialise in different areas such as product engineering, manufacturing engineer, industrial design, or quality engineering.

FOR A COMPLETE UNDERSTANDING OF THE ENGINEERING DESIGN PROCESS, IT IS IMPORTANT TO STUDY THE THEORETICAL ASPECTS OF ENGINEERING SCIENCE AND MANUFACTURING REALITY, AS WELL AS THE PRACTICAL ASPECTS OF DESIGN THEORY AND PRACTICE. TO ENSURE YOU HAVE THE KNOWLEDGE AND SKILLS TO BE A SUCCESSFUL DESIGN ENGINEER WITHIN AN INTERNATIONAL WORKPLACE THAT'S ALWAYS STRIVING FOR INNOVATION AND INNOVATION, YOU WILL HAVE THE OPPORTUNITY TO ACQUIRE A RANGE OF SKILLS. THESE INCLUDE:

- Creative thinking
- Technical drawing
- Use of CAD software
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The programme will also offer to all students an optional placement year that will enable you to experience the real world and learn what it's like to work in the engineering design sector. Depending on your career path, you may choose to specialise in different areas such as product engineering, manufacturing engineer, industrial design, or quality engineering.

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Advanced Product Design Engineering

Capstone Project

Interdisciplinary studies and group project

Engineering Design and Analysis

Mental Wealth: Professional Life

Thermofluids

Entry Requirements

Start Date

Course Summary

Related Courses

Tuition fees

Adult Dependants' Grant

Already have your results?

Sign up for UEL's Priority Clearing Service

FREE COURSE BROCHURE

Year 1

Year 2

Optional Placement

Year 3

Explore the different career options you can pursue with this degree and see the median salaries of the sector on our students with placements during study and advice with graduate employment.

You will use a range of two and three-dimensional programmes to produce test results and resolve your concept ideas through to final competitions, such as IMechE Formula Student challenge to design and build a single-seat racing car.

Innovation. You'll be able to observe other design projects, share ideas, and participate in interdisciplinary projects and traditional workshops and digital and fabrication facilities.

The course will help you gain a solid understanding of the processes and practices of product design engineering or industrial design and help you realise the expectations that you'll have as a design engineer within an international workplace that's rewarding career including,

It is also vitally important for students to master the skills needed to rapidly prototype an idea and gain an aptitude for testing and reiterating solutions thereby allowing ideas to develop and flourish into sustainable and feasible products.

We will assess this from the information provided in your application – in particular your personal statement - to help us effectively connect your knowledge gained at UEL with it.

All students will receive:

- **UEL funding**

- **Leverhulme Trade Charities Trust**

- **Bank of England Scholarship Programme**

- **Sports Scholarships - up to £6,000**

- **UTC Scholarship - £1,500**

- **Hardship Bursary - up to £2,000**

- **Care Leaver and Foyer Bursary - up to £1,500**

You can apply for a loan to help with living costs such as food, travel and accommodation. How much you can borrow will depend on your personal circumstances.

You can apply for a loan to cover the cost of your tuition fees, which will be paid directly to UEL. There are no up-front fees and you will only start paying back your loan after you've started earning over £27,295 a year. The tuition fee loan will be cancelled after 30 years or before your death. For more information, see "Tuition Fee Loan" on the government.

Andrew Wright MSc BA (Hons) FRSA
With a personal tutor to oversee your progress, and module leaders for each part of the course, you'll work independently, and work.

The first year prepares students with a comprehensive understanding of engineering principals and this knowledge will be

Innovation. You'll be able to observe other design projects, share ideas, and participate in interdisciplinary projects and

You will be joining a creative hub of innovative engineers and designers based within the College of Arts, Technology and

fabrication of design(s), as well as a concluding pitch of your chosen final design.

advice is offered to assist the learning process and improve the quality of work before final hand-in.

traditional workshops and digital and fabrication facilities.

to explore, experiment and find interesting solutions to complex problems.

The course will help you gain a solid understanding of the processes and practices of product design engineering or industrial

Programme Leader, BEng Hons Product Design Engineering

By the time you graduate, you will be able to merge your knowledge of engineering reinforced design education and analytical

product meets all the customer requirements.

A career in product design engineering or industrial design will mean you conduct necessary tests to determine whether a

This exciting new programme combines the knowledge of design principles, ergonomics, engineering science and manufacturing

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We appreciate that finance is one of the key considerations when you are applying to university. That's why alongside your

Supplementary Grants

Tuition fees are subject to annual change. Fees for future years will be published in due course.

£9,250

Alternatively, you can visit the website.

Parents' Learning Allowance

We can give you advice, information and guidance on government and university funds so that you receive your full funding

entitlement.

We can give you advice, information and guidance on government and university funds so that you receive your full funding

entitlement.

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UCAS CODE

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entitlement.
PGDip

Civil Engineering

READ MORE →

MEng

Civil Engineering (Integrated Master’s)

READ MORE →
This course offers the opportunity of year-long placement between years two and three. If you choose to take this option, you'll be able to observe other design projects, share ideas, and participate in interdisciplinary projects and presentations when work is appraised by a panel of teaching staff and by a peer group of students.

### How you'll be assessed

The course will help you gain a solid understanding of the processes and practices of product design engineering or industrial design. As your knowledge increases in subsequent years, you will have the necessary tools to your colleagues and teachers highlighting details relating to your primary research, to concept developments, and to the work. To support your learning, we provide dedicated design studios and workshops and laboratory experimentation. Throughout the course, you will develop a comprehensive knowledge and professional portfolio, which is your gateway to a rewarding career including, occasionally in small groups, on design briefs and projects in our dedicated design studios.

### WHAT YOU'LL LEARN

- You will gain a solid grounding in manufacturing and engineering principles through the medium of lectures, learning. In year one you will gain a solid grounding in manufacturing and engineering principles through the medium of lectures,
- The course will help you gain a solid understanding of the processes and practices of product design engineering or industrial design that’s effectively connect your knowledge gained at UEL with it.
- You'll be able to observe other design projects, share ideas, and participate in interdisciplinary projects and presentations when work is appraised by a panel of teaching staff and by a peer group of students.

- The course will help you gain a solid understanding of the processes and practices of product design engineering or industrial design that’s effectively connect your knowledge gained at UEL with it.
- You can prototype an idea and gain an aptitude for testing and prototypes to success.
- A career in product design engineering or industrial design will mean you conduct necessary tests to determine whether a prototype will work.

*This course is subject to validation.*

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**Tuition fees**

Tuition fees are subject to annual change. Fees for future years will be published in due course.

- **BEng (Hons)**
  - **FdSc**
  - **Civil Engineering and Construction Management**

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**Degree**

**Degree**

- **BEng (Hons)**
  - **Civil Engineering with foundation year**
  - **Surveying and Mapping Sciences**
  - **Construction Engineering Management**
  - **General Engineering (with Foundation Year)**
  - **Mechanical Engineering (with Foundation year)**
  - **Computer Science**
  - **Computer Science with Education and Qualified Teacher Status**
  - **Big Data Technologies**
  - **Artificial Intelligence**

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**Entry requirements**

Please note that some courses require applicants to meet the entry requirements outlined on the course page. Our pre-entry assessment process is designed to help us identify students who are well-suited to their chosen course.

We will assess this from the information provided in your application – in particular your personal statement - to help us identify students who are well-suited to their chosen course.

- Students with placements during study and advice with graduate employment.
- Students are able to provide further advice on entry requirements and suitability for study.

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**Support**

- **Contact Us**
- **Scholarship Search**
- **UEL Funding**
- **Government Funding**
- **Walcot Foundation**
- **European Funding Guide**
- **EU Scholarship (EU Only) - £1,000**
- **Civic Engagement Scholarship - £1,000**
- **Helena Kennedy Foundation - £1,500**
- **Engagement Bursary - up to £2,000**
- **Care Leaver and Foyer Bursary - up to £1,500**
- **UEL FUNDING**
- **GOVERNMENT FUNDING**
- **Tuition Fee Loan**
- **EU Scholarship (EU Only) - £1,000**
- **Civic Engagement Scholarship - £1,000**
- **Helena Kennedy Foundation - £1,500**
- **Engagement Bursary - up to £2,000**
- **Care Leaver and Foyer Bursary - up to £1,500**

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**Contact Us**

email: study@uel.ac.uk

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**For further information visit**

[www.uel.ac.uk](http://www.uel.ac.uk)
Throughout the course, you will develop a comprehensive knowledge and professional portfolio, which is your gateway to a career in product design engineering or industrial design. How you’ll be assessed:

Design modules require a series of presentations for each project throughout the course. You will work in small groups in our design studios, where you will be able to fabricate design(s), as well as a concluding pitch of your chosen final design. It is also vitally important for students to master the skills needed to rapidly prototype an idea and gain an aptitude for testing and data exchange in manufacturing technologies, such as augmented reality, rapid tooling and Industry 4.0. This exciting new Product Design Engineering programme has been developed as a response to the current trends in automation and digital fabrication. It is vitally important to effectively connect your knowledge gained at UEL with it.

By the time you graduate, you will be able to merge your knowledge of engineering reinforced design education and analytical skills with a sound manufacturing base, enabling you to conceive and develop innovative designs and turn them into reality.

A career in product design engineering or industrial design will mean you conduct necessary tests to determine whether a product meets its specification. This involves understanding how to conduct experiments in an industrial setting and the types of experiments that are conducted. Furthermore, you will need to have a good understanding of the materials and fabrication processes involved in the product design. As your knowledge increases in subsequent years, you will have the necessary tools and understanding to realise the expectations that you’ll have as a design engineer within an international workplace that’s not only rapidly changing, but is also competitive.

The course will help you gain a solid understanding of the processes and practices of product design engineering or industrial design. It will provide you with the skills and knowledge needed to work effectively as a design engineer in an international workplace.

Optional placement year available
This course offers the opportunity of year-long placement between years two and three. If you choose to take this option, you’ll need to apply to it in your second year. This will improve your skills and enhance your CV.

Tuition fees are subject to annual change. Fees for future years will be published in due course.

NEW UCAS POINTS
FEES AND FUNDING

Cloud Computing

BSc (Hons)

Computer Science

MSc

COUNTRY

ENGLISH LANGUAGE REQUIREMENTS

CONTACT US

UEL FUNDING

Scholarships Search

Sir John Cass's Foundation

Bank of England Scholarship Programme

Sports Scholarships - up to £6,000

ELSEF Scholarship - £1,000

Civic Engagement Scholarship - £1,000

Dean Scholarship - up to £13,500 over three years

Helena Kennedy Foundation - £1,500

Care Leaver and Foyer Bursary - up to £1,500

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gov.uk/student-finance
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You will also develop a creative portfolio of reiterating solutions thereby allowing ideas to develop and flourish into sustainable and feasible products.

An approach to design methodology.

You will be joining a creative hub of innovative engineers and designers based within the College of Arts, Technology and Design.

You will learn about different technologies and study in unique environments. Our fabrication and design facilities include traditional workshops as well as computer-aided design (CAD) suites where you can experiment and learn.

The extra placement year means it will take four years to complete your studies, instead of three.

In a Covid-secure environment, enjoy learning on our state-of-the-art campuses and flexibly connect your knowledge gained at UEL with it.

In addition to the skills and experience you will gain during your degree, we will encourage and support you to undertake work placements or internships as part of your studies.

As an inclusive university, we recognise that applicants who have been out of education for some time may not have the entitlement.

As such, we will assess this from the information provided in your application – in particular your personal statement - to help us identify your potential and the additional advice and support you may require.

We will consider all applicants with the range of qualifications listed above, and where necessary, will consider applicants who do not have these qualifications but who can show that they have the ability to study for this degree.

Our pre-entry advice and support service will help you to make the best possible application. Please contact us to discuss your specific situation.

How you'll be assessed

Our modules are assessed through a combination of written examinations, coursework, presentations, and practical assessments.

Some modules may be assessed through a combination of these assessment methods. You may also be required to submit a portfolio of your work in some modules.

How you'll learn

We aim to provide a range of learning and teaching methods to support you throughout your studies.

In year one you will gain a solid grounding in manufacturing and engineering principles through the medium of lectures, seminars, tutorials, practical classes, workshops, and laboratory sessions.

Throughout the course, engagement with industry experts and real work experience will be embedded into the core elements of learning. In year one you will gain a solid grounding in manufacturing and engineering principles through the medium of lectures, seminars, tutorials, practical classes, workshops, and laboratory sessions.

In years two and three you will be encouraged to develop your own specialist areas of interest and to take more responsibility for your own learning.

You will learn through lectures, seminars, tutorials, practical classes, workshops, and laboratory sessions. You will also have the opportunity to develop your skills through work placements and internships.

In addition, you will be expected to undertake independent study in order to develop your own specialist areas of interest and to take more responsibility for your own learning.

How you'll be assessed

The assessment methods for the programme are as follows:

- Exams
- Assignments
- Presentations
- Reports
- Portfolio

The modules are assessed:

- Exams
- Assignments
- Presentations
- Reports
- Portfolio

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Please note that some courses require applicants to meet the entry requirements outlined on the course page. Our pre-entry advice and support service will help you to make the best possible application. Please contact us to discuss your specific situation.
MSc

Computing and Information Communication Technology

READ MORE →

BSc (Hons)

Computing for Business

READ MORE →
BSc (Hons)

Computing for Business (with Foundation year)

READ MORE →

MSc

Construction Engineering Management

READ MORE →

BSc (Hons)

Construction Management
WHAT YOU'LL STUDY AND WHEN

WHAT YOU'LL LEARN

HOW YOU'LL LEARN

RELATED COURSES

APPLY

EXPLORE

SIGN UP FOR UEL'S PRIORITY CLEARING SERVICE

ALREADY HAVE YOUR RESULTS?

Spaces Available. Call 020 4509 1460

AND THOSE WITHOUT FORMAL QUALIFICATIONS

YEAR 1

YEAR 2

OPTIONAL PLACEMENT

YEAR 3

EXPLORE APPLY TO UEL

TUITION FEES

BSc (Hons)

Construction Management (with Foundation Year)

READ MORE →

BSc (Hons)

Cyber Security Networks*

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The first year prepares students with a comprehensive understanding of engineering principles and this knowledge will be applied in the second year. You will be asked to present your work in the form of presentations and reports. Design modules require a series of presentations for each project throughout the course.

You will be joining a creative hub of innovative engineers and designers based within the College of Arts, Technology and Design. The programme will also offer to all students an optional placement year that will enable you to experience the real world and processes to create multi-functional solutions and products.

This exciting new programme combines the knowledge of design principles, ergonomics, engineering science and manufacturing processes to create multi-functional solutions and products.
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With a personal tutor to oversee your progress, and module leaders for each part of the course, you'll work independently, and get involved in competitions, such as IMechE Formula Student challenge to design and build a single-seat racing car.

Fabrication of design(s), as well as a concluding pitch of your chosen final design.

Presentations when work is appraised by a panel of teaching staff and by a peer group of students.

How you'll be assessed

In Year 1, you will gain a solid grounding in manufacturing and engineering principles through the medium of lectures. Throughout the course, engagement with industry experts and real work experience will be embedded into the core elements of your studies.

Rapid change and evolution of technology is running at an ever-increasing pace. It is important that graduates have the skills to utilize and adapt to this changing landscape.

This exciting new product design engineering programme has been developed as a response to the current trends in automation and manufacturing. It is grounded in an understanding of the principles of product design, product development and applications of design processes.

Andrew Wright MSc BA (Hons) FRSA

The programme will also offer to all students an optional placement year that will enable you to experience the real world and to effectively connect your knowledge gained at UEL with it.

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This exciting new programme combines the knowledge of design principles, ergonomics, engineering science and manufacturing to prepare you for a career in product development.

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September 2020

between online delivery...

You will be asked to present your work...

The modules are assessed...

This...

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This course offers the opportunity of year-long placement between years two and three. If you choose to take this option, you'll...

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